

Converting Colors

CIELCh(100, 26.439, 155.458)

Have a look what the booklet for
CIELCh(100, 26.439, 155.458)
contains.

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Color

CIElCh(97, 18.845, 161.588)

Conversions

Conversions Part 1

Format	Color
Hex	D5FFEA
RGB	213, 255, 234
RGB Percent	84%, 100%, 92%
CMY	0.1639, 0.0000, 0.0815
CMYK	0.16, 0.00, 0.08, 0.00
HSL	150°, 100%, 92%
HSV	150°, 16%, 100%
XYZ	78.5364, 92.4403, 91.7057
YIQ	240.0480, -18.2910, -15.4350

Conversions

Conversions Part 2

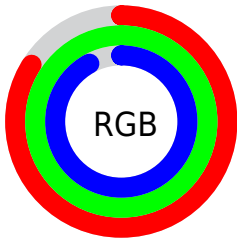
Format	Color
R _Y B	213, 241, 255
Decimal	14024682
CIE Lab	97.00, -17.88, 5.95
CIE LCh	97, 18.845, 161.588
Yxy	92.4403, 0.2990, 0.3519
Android (android.graphics.Color)	4292214762 (0xFFD5FFEA)
YUV	240.0480, -2.9817, -23.7211
Hunter-Lab	96.1459, -22.4483, 10.7502

Details

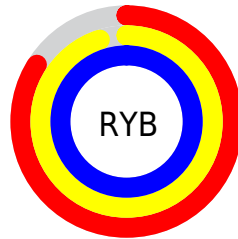
The CIELCh color **97, 18.845, 161.588** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 18.512, 345.210**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 18.210, 161.897** is the 20% darker color. If you saturate the color by 10%, you get **95, 29.055, 161.368**, and if you desaturate by 10%, it is **99, 7.065, 163.333**.

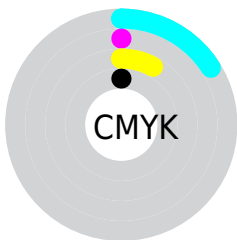
Distribution



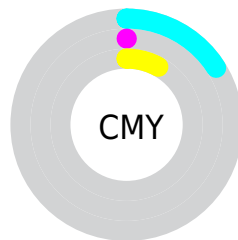
- Red (84%)
- Green (100%)
- Blue (92%)



- Red (84%)
- Yellow (95%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 18.845, 161.588 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 97, 18.845, 161.588 by changing the saturation by 10% instead.

 97, 18.845,
161.588

 97, 18.845,
161.588

 100, 18.845,
161.588

 87, 18.845,
161.588

 77, 18.845,
161.588

 67, 18.845,
161.588

 57, 18.845,
161.588

 47, 18.845,
161.588

 37, 18.845,
161.588

 27, 18.845,

161.588

■ 17, 18.845,
161.588

■ 7, 18.845, 161.588

■ 97, 18.845,
161.588

■ 97, 18.845,
161.588

■ 95, 29.055,
161.368

■ 99, 7.065, 163.333

■ 93, 39.691,
160.230

100, 0.012,
296.813

■ 92, 49.847,
158.946

■ 91, 59.330,
157.490

■ 90, 67.964,
155.836

■ 89, 75.614,
153.968

■ 89, 82.223,
151.883

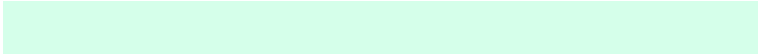
■ 89, 87.837,
149.610

■ 88, 89.703,
148.788

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



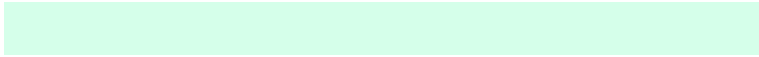
97, 18.845, 161.588



89, 18.512, 345.210

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



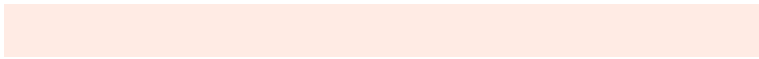
97, 18.845, 161.588



97, 18.845, 211.588



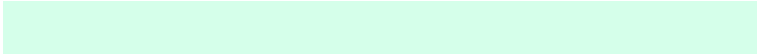
97, 18.845, 341.588



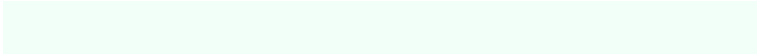
97, 18.845, 31.588

Sweetspot

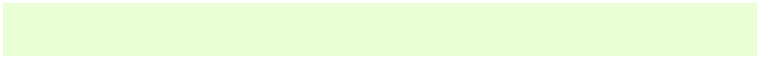
The Sweet Spot groups the original color and five complimentary colors.



97, 18.124, 162.386



99, 5.524, 163.471



98, 22.572, 128.326



53, 3.770, 163.400



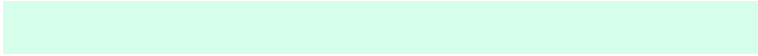
0, 0.000, 0.000



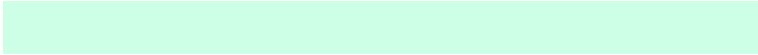
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 18.124, 162.386



96, 22.092, 162.030



97, 13.985, 198.573



52, 6.289, 163.039



68, 71.611, 149.221



23, 30.888, 152.453

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



89, 18.512, 345.210



87, 22.665, 345.566



89, 15.568, 20.518



50, 6.371, 344.557



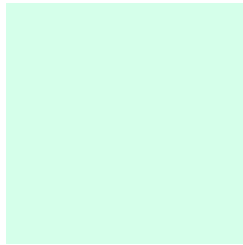
41, 68.219, 2.372



10, 31.843, 356.730

Previews

White Background



This preview shows how the CIELCh color 97, 18.845, 161.588 looks on a white background.

Color Contrast Check

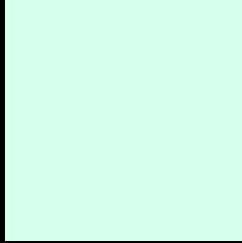
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 97, 18.845, 161.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

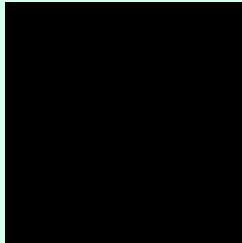
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

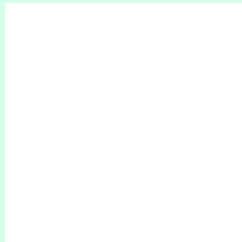
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 18.845, 161.588

Background



This preview shows how black text looks on a background with the CIELCh color 97, 18.845, 161.588.

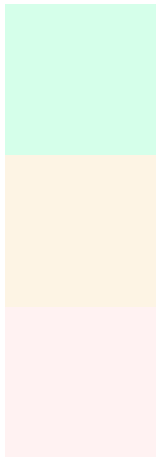


This preview shows how white text looks on a background with the CIELCh color 97, 18.845, 161.588.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

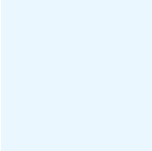
Dichromacy



Original Color
97, 18.249, 162.235

Protanopia
96, 8.774, 87.648

Deuteranopia
96, 4.629, 19.576

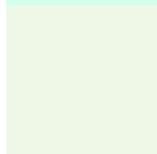


Tritanopia
97, 5.746, 244.855

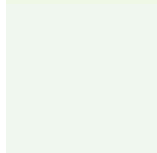
Trichromacy



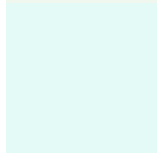
Original Color
97, 18.249, 162.235



Protanomaly
96, 9.756, 128.762



Deuteranomaly
97, 4.795, 140.905

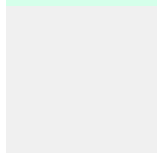


Tritanomaly
97, 8.098, 188.012

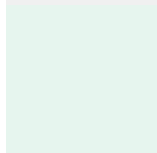
Monochromacy



Original Color
97, 18.249, 162.235



Achromatopsia
95, 0.011, 296.813



Achromatomaly
95, 6.411, 165.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 18.845, 161.588 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(213, 255, 234)` looks like.

```
.text, #text, p{  
    color:rgb(213, 255, 234)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(213, 255, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 18.845, 161.588 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 255, 234) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(213, 255, 234) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(213, 255, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 255, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 255, 234);  
box-shadow:4px 4px 4px 4px rgb(213, 255,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 18.845, 161.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 255, 234) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(213,  
255, 234) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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